

# INTERNATIONAL SEARCH REPORT

International application No.  
**PCT/SG2004/000178**

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> Int. Cl. <sup>7</sup> : <b>A46B 7/04</b> According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) <b>REFER ELECTRONIC DATA BASE CONSULTED BELOW</b> Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched <b>AU: IPC 7/04, 9/04</b> Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) <b>DWPI: keywords: A46B, chang, dispos, alter, demount, detach, interchang, replac, modular, head, tip, end, handle, holder, bod, grip, grab, bristl, lock, secur, attach, clip, snap, held, hold, engag, disengage and similar terms.</b>		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	DE 20305894 U1 (GUNDUZ) 12 June 2003 See figures	1, 5-8, 18, 20
X	US 2003/0046780 A1 (DAVIS) 13 March 2003 See figures	1-3,6-8,14,16-21,23-24
X	US 6345406 B1 (DODD) 12 February 2002 See figures	1,3-7,14,16,19,21,23-24
X	WO 2000/048484 A2 (ULRICH) 24 August 2000 See figures	1,2,14,16,18-21,23-24
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family	
Date of the actual completion of the international search <b>17 August 2004</b>	Date of mailing of the international search report <b>26 AUG 2004</b>	
Name and mailing address of the ISA/AU <b>AUSTRALIAN PATENT OFFICE          PO BOX 200, WODEN ACT 2606, AUSTRALIA          E-mail address: pct@ipaustalia.gov.au          Facsimile No. (02) 6285.3929</b>	Authorized officer  <b>SWAPAN GHOSH</b> Telephone No : (02) 6283 2163	

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 1997/014329 A1 (LE BOURDONNEC) 24 April 1997 See figures	1,14,16,19,21, 23-24
X	DE 3510909 A1 (RUEB) 9 August 1986 Se figures	1,6- 7,14,16,19,21, 23-24
X	EP 083787 A2 (LANG) 20 July 1983 See figures	1,3- 5,14,16,19,21, 23-24
A	US 2004/0016073 A1 (KNUTSON) 29 January 2004 See figures	
A	FR 2428418 A1 (COTTER et al) 11 January 1980 See figures	

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/SG2004/000178

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
DE	20305894	WO	03082047		
US	2003046780	US	2003172483		
US	6345406	NIL			
WO	0048484	AU	38049/00	BR	0008792
WO	9714329	FR	2739763	EP	1156727
DE	3510909	CA	1266357	EP	0199849
		US	4683604	JP	61226003
EP	0083787	DE	3200681	DE	3238035
		US	4461053	JP	58175506
US	2004016073	NIL			
FR	2428418	NIL			

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX